

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A collapsible structure, including but not limited to a baby or infant carriage, wherein it comprises:

an upright~~(1)~~;

a sliding block ~~(3)~~ sliding on the upright ~~(1)~~ along an axis (X-X'), the sliding block ~~(3)~~ being blocked in rotation around the axis;

- at least one collapsible leg ~~(5, 5A)~~ unfolding from a collapsed position near the upright ~~(1)~~ to an unfolded position distanced from the upright ~~(1)~~;

- a jointed structure ~~(7, 7A)~~ for the unfolding of the leg comprising, seen according to a direction (Y-Y') different from said axis (X-X'), a jointed deployment triangle ~~(21)~~;

this deployment triangle ~~(21)~~ comprising:

a first side ~~(22)~~ attached to the upright ~~(1)~~ between a first joint ~~(23)~~ located on the upright ~~(1)~~ and a second joint ~~(25)~~ located on a point of the sliding block ~~(3)~~;

- a second side ~~(26)~~ jointed on the sliding block ~~(3)~~ by the second joint ~~(25)~~;

- a third side ~~(28)~~ jointed on the upright ~~(1)~~ by the first joint ~~(23)~~ and on the second side ~~(26)~~ by a third joint ~~(31)~~;

wherein the first joint ~~(23)~~ or the second joint ~~(25)~~ comprises two distinct jointing points ~~(35)~~ according to said direction (YY'), so that the side ~~(28, 26)~~ of the deployment triangle ~~(21)~~

which is jointed at these points ~~(35)~~ constitutes a rigid guiding triangle ~~(29)~~, defined by these two points ~~(35)~~ and by the third joint ~~(31)~~.

Claim 2 (currently amended): A structure according to claim 1, wherein the rigid guiding triangle ~~(29)~~ comprises three side members, wherein one of said side members coincides with the hinge axis according to said direction (Y-Y') and wherein the other two side members are fixed with respect to each other.

Claim 3 (currently amended): A structure according to claim 1 ~~or 2~~, wherein the surface delimited by the vertices ~~(35, 31)~~ of the guiding triangle ~~(29)~~ is a solid surface, such as a plate ~~(29)~~.

Claim 4 (currently amended): A structure according to claim 1 ~~or 2~~, wherein the surface delimited by the vertices ~~(35, 31)~~ of the guiding triangle ~~(29)~~ is a cut-out surface.

Claim 5 (currently amended): A structure according to ~~any one of claims~~ claim 1 ~~to 4~~, wherein the leg ~~(5)~~ is integral to the second side of the deployment triangle ~~(21)~~.

Claim 6 (currently amended): A structure according to ~~any of claims~~ claim 1 to 4, wherein the leg ~~(5A)~~ is jointed to the third side ~~(28)~~ of the deployment triangle ~~(21)~~ or at an extension of this side ~~(28)~~, and wherein a supporting part ~~(43)~~ is jointed between (i) the sliding block ~~(3)~~ and (ii) an intermediary point of the leg ~~(5A)~~.

Claim 7 (currently amended): A structure according to claim 6, wherein, in the unfolded position, the supporting part (43) rests on part of the guiding triangle (29).

Claim 8 (currently amended): A structure according to ~~any of claims~~ claim 1 to 7, comprising at least two collapsible legs (5A), wherein it further comprises retractable rigidifying means (51), jointed on the two legs (5A) and collapsible through the action of a connection support (62) jointed to the sliding block (3).

Claim 9 (currently amended): A structure according to claim 8, wherein the rigidifying means (51), in the unfolded position, are adapted to support a pushchair seat (81) and/or serve as a footrest.

Claim 10 (currently amended): A structure according to claim 8, wherein the sliding block (3) is adapted to support a pushchair backrest (83).

Claim 11 (currently amended): A structure according to claim 1 ~~to 10~~, wherein said direction (Y-Y') is inclined compared to the horizontal, and said direction (Y-Y') makes with said axis (X-X') an angle of less than 90°.

Claim 12 (currently amended): A structure according to ~~any one of claims~~ claim 1 to 10, wherein one or more of the rods ~~(9)~~ is/are equipped with a spring mechanism, linking the sliding block ~~(3)~~ to the central upright ~~(1)~~, so that the unfolding of the structure, or its collapsing, is done automatically, by simple unlocking of the sliding block ~~(3)~~.

Claim 13 (currently amended): A collapsible structure, wherein it comprises for each leg ~~(5, 5A)~~ a jointed structure ~~(7, 7A)~~ as defined in any one of claims 1 to 11 for the unfolding of the leg comprising, seen according to a direction (Y-Y') different from said axis (X-X'), a jointed deployment triangle; this deployment triangle comprising;

- a first side attached to the upright between a first joint located on the upright and a second joint located on a point of the sliding block;

- a second side jointed on the sliding block by the second joint;

- a third side jointed on the upright by the first joint and on the second side by a third joint;

wherein the first joint or the second joint comprises two distinct jointing points according to said direction (Y-Y'), so that the side of the deployment triangle which is jointed at these points constitutes a rigid guiding triangle, defined by these two points and by the third joint.